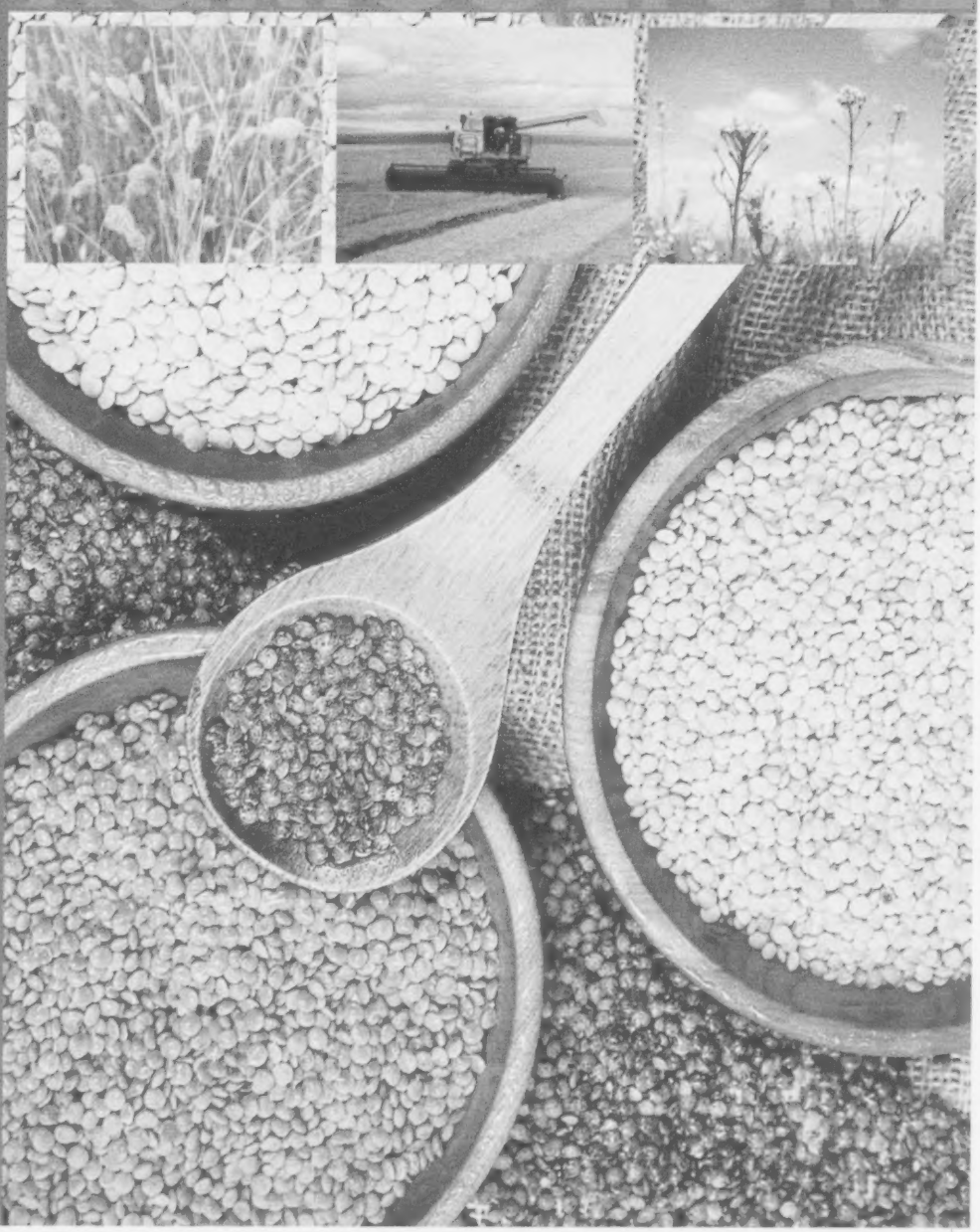
# 2010 SPECIALTY CROP REPORT

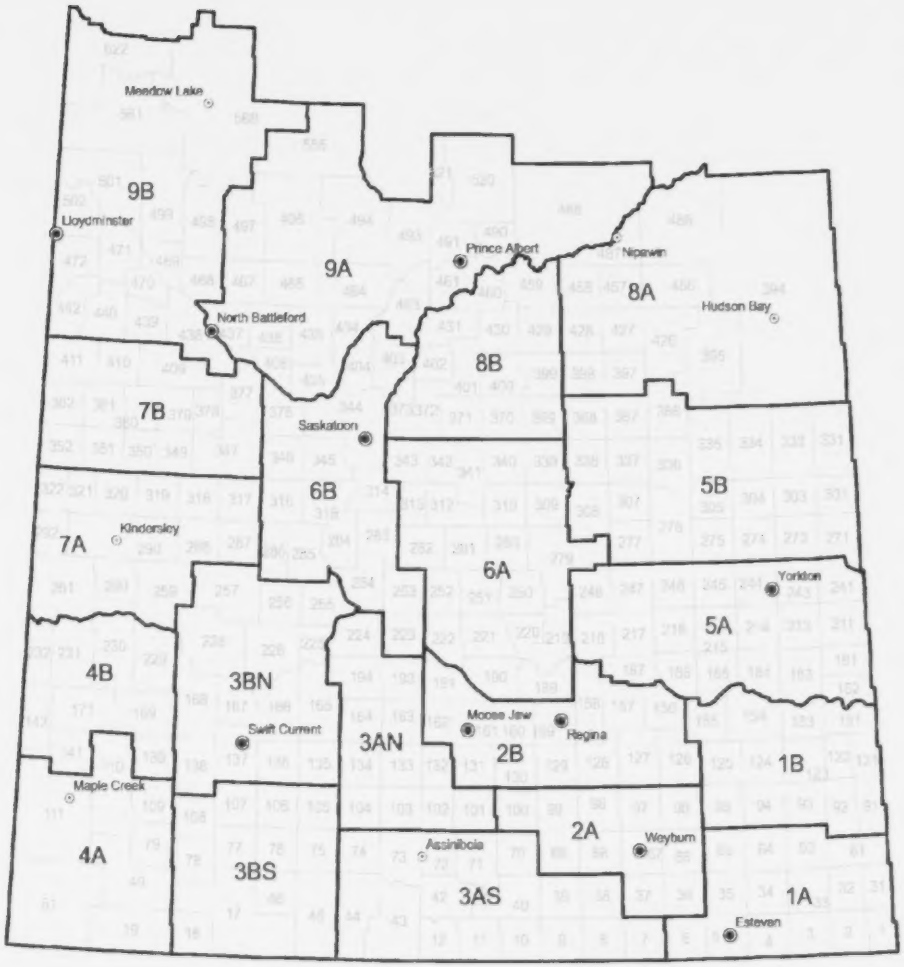
(Revised March 22, 2011)

STATISTICS



Saskatchewan
Ministry of
Agriculture

# Saskatchewan Crop Districts




**Acknowledgements**

The Saskatchewan Ministry of Agriculture wishes to thank the Crops Section, Agriculture Division, Statistics Canada for providing the acreage, yield and production data.

Further information may be obtained by contacting:

Saskatchewan Ministry of Agriculture
Policy Branch
Room 302 - 3085 Albert Street
Regina SK S4S 0B1
Phone: (306) 787-5947
Fax: (306) 787-5134

# Table of Contents

Summary ..... 2
Peas ..... 4
Lentils ..... 6
Mustard ..... 9
Canaryseed ..... 11
Chickpeas ..... 13
Sunflowers ..... 16
Other Crops ..... 18

## Tables, Maps and Charts

Figure 1: Area, Yield, and Production of Specialty Crops, Saskatchewan ..... 2
Figure 2: Saskatchewan Specialty Crop Seeded Area, 1980-2010 ..... 3
Figure 3: Saskatchewan Specialty Crop Production, 1980-2010 ..... 3
Figure 4: Pea Production and Prices in Saskatchewan ..... 4
Figure 5: Pea Seeded Acres by Crop District, 2009 ..... 4
Figure 6: Saskatchewan Green, Yellow and Feed Pea Spot Price ..... 5
Figure 7: Canadian Dry Peas Exports ..... 5
Figure 8: Pea Supply and Disposition, Western Canada ..... 6
Figure 9: Lentil Production and Prices in Saskatchewan ..... 6
Figure 10: Lentil Seeded Acres by Crop District, 2009 ..... 7
Figure 11: Saskatchewan Large Green, Small Green and Red Lentil Spot Prices ..... 7
Figure 12: Canadian Lentil Exports ..... 8
Figure 13: Lentil Supply and Disposition, Western Canada ..... 8
Figure 14: Mustard Production and Prices in Saskatchewan ..... 9
Figure 15: Mustard Seeded Acres by Crop District, 2009 ..... 9
Figure 16: Saskatchewan Brown, Yellow and Oriental Mustard Spot Price ..... 9
Figure 17: Canadian Mustard Exports ..... 10
Figure 18: Mustard Supply and Disposition, Western Canada ..... 10
Figure 19: Canaryseed Production and Prices in Saskatchewan ..... 11
Figure 20: Canaryseed Seeded Acres by Crop District, 2009 ..... 11
Figure 21: Saskatchewan Canaryseed Spot Price ..... 12
Figure 22: Canadian Canaryseed Exports ..... 12
Figure 23: Canaryseed Supply and Disposition, Western Canada ..... 13
Figure 24: Chickpea Production and Prices in Saskatchewan ..... 13
Figure 25: Chickpea Seeded Acres by Crop District, 2009 ..... 13
Figure 26: Saskatchewan Kabuli and Desi Chickpea Spot Prices ..... 14
Figure 27: Canadian Chickpea Exports ..... 14
Figure 28: Chickpea Supply and Disposition, Western Canada ..... 15
Figure 29: Sunflower Production and Prices in Saskatchewan ..... 16
Figure 30: Saskatchewan Oilseed Sunflower Spot Price ..... 16
Figure 31: Canadian Sunflower Exports ..... 16
Figure 32: Sunflower Supply and Disposition, Western Canada ..... 17
Figure 33: Western Canada Specialty Crops Area, Production, and Canadian Exports ..... 19

# 2010 Specialty Crop Report

## Summary

It was a challenging year for Saskatchewan farmers, starting with seeding. There was difficulty getting the crop seeded due to continued rain. As of May 31, 2010, 59 per cent of the crop had been seeded compared to the five-year average (2005 to 2009) of 86 per cent complete. Many farmers were seeding into June. Cumulative rainfall data from the Crop Report ranges from 363 mm to 915 mm.

The growing season was affected by excess moisture, which, combined with little heat and sunshine, resulted in crops not maturing as quickly as normal. Many crops were stressed from the excess moisture as well as disease pressures.

September 18, 2010, was the first fall frost for the province. At that time, many crops were still green and, in some cases, received significant frost damage.

The frequent rain storms that occurred while crops were coming into maturity also caused problems. Only 29 per cent of the 2010 crop had been harvested by September 27. The five-year average for that time of year is 75 per cent combined. The excess moisture, compounded by disease pressures, caused the majority of crop damage and grade loss. Most of the province received 115 to 150 per cent of normal average precipitation (Drought Watch, Agriculture and Agri-Food Canada).

October weather was sunny and warm with rarely a rain cloud in the sky. The greatest week-over-week harvest progress (31 per cent) was made from September 28 to October 4. The majority of the harvest was done by October 18, by which time 97 per cent of the crop had been combined.

**Figure 1: Area, Yield, and Production of Specialty Crops, Saskatchewan**

| | 2010 | | | | 2009 | | | |
|---|---|---|---|---|---|---|---|---|
| | Area | | Yield | Production | Area | | Yield | Production |
| Crop | Seeded | Harvested | | '000 | Seeded | Harvested | | '000 |
| | acres | | kg/ha | tonnes | acres | | kg/ha | tonnes |
| Brown Mustard | 70 | 65 | 875 | 25.8 | 90 | 90 | 898 | 36.7 |
| Yellow Mustard | 200 | 190 | 823 | 70.9 | 230 | 225 | 830 | 84.7 |
| Oriental & Non-specified Mustard | 100 | 95 | 873 | 37.6 | 85 | 85 | 1,016.7 | 39.2 |
| **Total Mustard** | **370** | **350** | **846** | **134.3** | **405** | **400** | **885** | **160.6** |
| Large Green Lentils | 1,185 | 1,125 | 1,312 | 669.6 | 815 | 810 | 1,390 | 510.6 |
| Small Green Lentils | 235 | 225 | 1,367 | 139.6 | 250 | 250 | 1,510 | 171.2 |
| Red Lentils | 1,860 | 1,760 | 1,250 | 998.1 | 1,230 | 1,220 | 1,381 | 764.1 |
| Other Lentils | 60 | 55 | 1,322 | 33.0 | 60 | 55 | 1,369 | 34.2 |
| **Total Lentils** | **3,340** | **3,165** | **1,282** | **1,840.3** | **2,355** | **2,335** | **1,397** | **1,480.1** |
| Green Peas | 380 | 350 | 1,896 | 301.0 | 460 | 450 | 2,148 | 438.2 |
| Yellow Peas | 2,025 | 1,900 | 1,763 | 1,519.4 | 2,380 | 2,360 | 2,010 | 2,150.0 |
| Other Peas | 55 | 50 | 1,843 | 41.8 | 35 | 30 | 1,800 | 24.5 |
| **Total Peas** | **2,460** | **2,300** | **1,785** | **1,862.2** | **2,875** | **2,840** | **2,028** | **2,612.7** |
| Desi Chickpeas | n.a. | | | n.a. | n.a. | | | n.a. |
| Kabuli Chickpeas | 150 | 140 | 1,494 | 94.9 | 55 | 50 | 1,677 | 38.0 |
| Other Chickpeas | n.a. | | | n.a. | n.a. | | | n.a. |
| **Total Chickpeas** | **205** | **75** | **1,489** | **57.4** | **80** | **75** | **1,689** | **57.4** |
| Hairless Canaryseed | 140 | 132 | 805 | 48.2 | 100 | 95 | 932 | 40.2 |
| Regular Canaryseed | 155 | 145 | 816 | 53.7 | 200 | 190 | 1,278 | 98.6 |
| **Total Canaryseed** | **295** | **277** | **811** | **101.9** | **300** | **285** | **1,163** | **134.5** |
| **Triticale** | **60** | **30** | **2,050** | **27.9** | **80** | **20** | **1,904** | **17.3** |
| **Dry Beans** | **10** | | | **n.a.** | **15** | | | **n.a.** |
| **Caraway** | **7** | | | **n.a.** | **6** | | | **n.a.** |
| **Coriander** | **20** | | | **n.a.** | **20** | | | **n.a.** |
| **Camelina** | **15** | | | **n.a.** | **20** | | | **n.a.** |
| **Borage** | **2** | | | **n.a.** | **3** | | | **n.a.** |
| **Hemp** | **3** | | | **n.a.** | **3** | | | **n.a.** |
| **Fababeans** | **15** | | | **n.a.** | **15** | | | **n.a.** |
| **Soybeans** | **12** | | | **n.a.** | **10** | | | **n.a.** |
| **Total** | **6,814** | **6,197** | | **4 024.0** | **6,187** | **5,955** | | **4,462.5** |

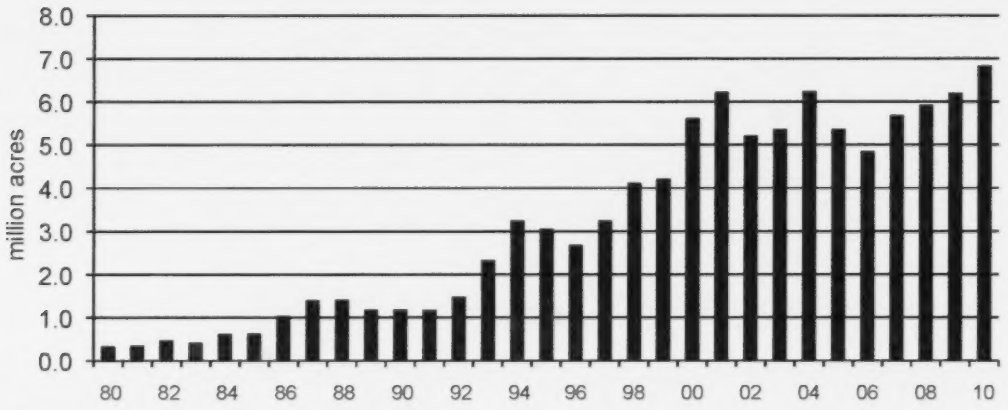
Source: Statistics Canada and Saskatchewan Ministry of Agriculture

Saskatchewan farmers planted more acres of specialty crops in 2010. Acreage seeded was 6.8 million, up 10 per cent from 2009, as detailed in Figure 1 and shown in Figure 2. Acres seeded to chickpeas increased the most of all the specialty crops, rising from 80,000 acres in 2009 to 205,000 acres, a 156 per cent increase. Seeded acres for lentils increased by 42 per cent. Seeded area for mustard, peas, and canaryseed all decreased from 2009.

In aggregate, 2010 specialty crop production was lower than in 2009, and producers harvested crops of average to below average quality. Production of all specialty crops is estimated at 4.0 million metric tonnes (mmt), down 10 per cent from 2009 production of 4.5 mmt. Aggregate production of the specialty crops may be seen in Figures 1 and 3. Of the specialty crops with large seeded acreage, lentils were the only ones to experience a year over year production increase, rising by 24 per cent to 1.8 mmt.

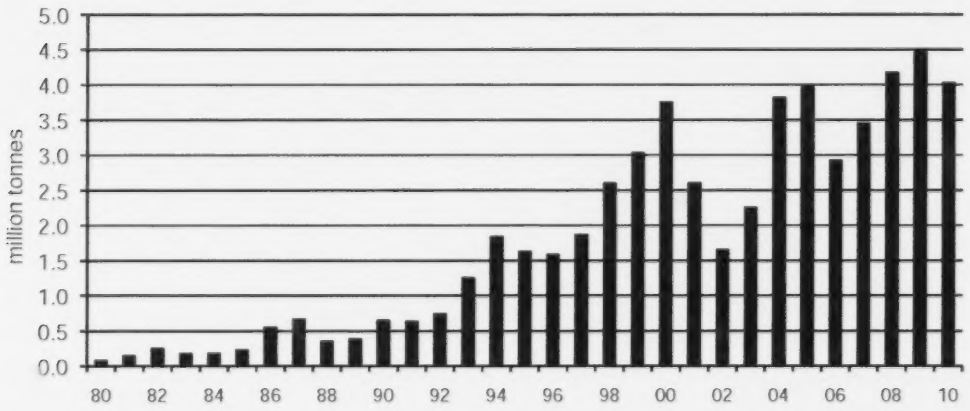
Provincial yields for all specialty crops in 2009 and 2010 are listed in Figure 1. Most crops saw a decrease in average yield in 2010 over the previous year, though most were above their 10-year averages.

**Figure 2: Saskatchewan Specialty Crop Seeded Area, 1980-2010**




Source: Statistics Canada

**Figure 3: Saskatchewan Specialty Crop Production, 1980-2010**




Source: Statistics Canada

# Peas

For 2010, the estimated total pea production in Saskatchewan is 1.9 mmt, which is down from 2009 production. The change in pea production was a result of fewer acres and lower yields than in 2009. In 2010 the estimated seeded area for all peas was 2.5 million acres, down 14 per cent from a year earlier. The provincial pea yield in 2010 averaged 1,785 pounds per acre (29.8 bu), down 12 per cent from the 2009 pea yield, and two per cent above the 10-year provincial pea average. In 2010, the pea crop is expected to grade 66 per cent in the top two grades, compared to a 10-year average of 85 per cent. A summary of the production and prices for all peas in the past ten years is shown in Figure 4.

Figure 5 shows the acres seeded to peas by crop district in 2009. The data is not yet available by crop district for 2010. Districts with the highest seeded acres in 2009 were 3bn with 315,910, 3as with 294,324 and 6a with 244,197 seeded acres – the same top three as in 2008.

## Green Peas

Saskatchewan green pea production is estimated to be 301,000 tonnes in 2010. Production is down 31 per cent from 2009. The green pea harvested acres decreased by 22 per cent from 2009. Yields averaged 1,896 pounds per acre, down 12 per cent from 2009.

**Figure 4: Pea Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (bu/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 2,240 | 34.4 | 2,072,400 | 131 |
| 2001/02 | 2,550 | 20.8 | 1,388,000 | 188 |
| 2002/03 | 2,135 | 18.3 | 881,800 | 209 |
| 2003/04 | 2,145 | 22.5 | 1,292,700 | 167 |
| 2004/05 | 2,375 | 36.2 | 2,291,500 | 139 |
| 2005/06 | 2,550 | 34.0 | 2,313,400 | 121 |
| 2006/07 | 2,430 | 28.7 | 1,861,500 | 166 |
| 2007/08 | 2,925 | 29.5 | 2,309,600 | 258 |
| 2008/09 | 3,175 | 32.4 | 2,732,400 | 251 |
| 2009/10 | 2,875 | 33.8 | 2,612,700 | 194 |
| 2010/11 | 2,460 | 29.8 | 1,862,200 | |

Source: Statistics Canada

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was $280 per tonne. The spot price dropped to $248 per tonne in October, rose to $287 per tonne in December, fell to $172 per tonne in May and was at $184 per tonne by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 6.

## Yellow Peas

Saskatchewan yellow pea production is estimated to be 1.5 mmt in 2010. Production is down 29 per cent from 2009 levels. The yellow pea harvested area decreased by 19 per cent from 2009. The yields averaged 1,763 pounds per acre, down 12 per cent from 2009.

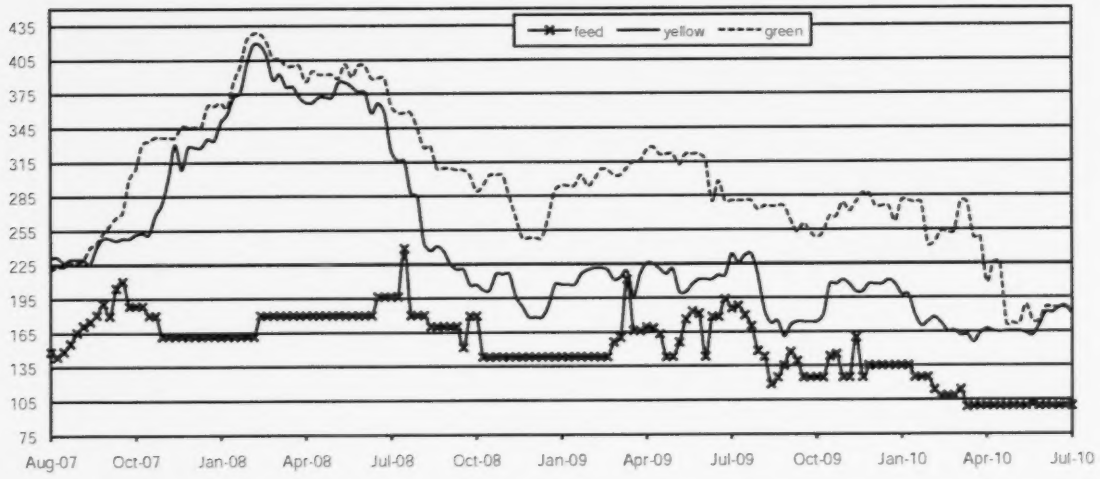
The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was $226 per tonne. The spot price dropped to $161 per tonne in September, rose to $211 per tonne in November, dropped to $156 per tonne by April and was at $180 per tonne by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 6.

**Figure 5: Pea Seeded Acres by Crop District, 2009**

Source: Statistics Canada

**Figure 6: Saskatchewan Green, Yellow and Feed Pea Spot Price**

Delivered Plant ($/tonne)




Source: Saskatchewan Ministry of Agriculture

## Feed Peas

Saskatchewan production of 'other pea', which included marrow fat peas and maple peas, is estimated to be 41,800 tonnes in 2010. 'Other pea' production is up 71 per cent from the 2009 production. 'Other pea' harvested acres increased by 67 per cent. Yields averaged 1,843 pounds per acre, up two per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was $188 per tonne. The spot price dropped to $119 per tonne by September, rose to $160 per tonne by December, fell to $99 per tonne by April and was at $100 per tonne in July 2010. The cash/spot price for the past three crop years is shown in Figure 6.

Canadian exports of all peas were 2.8 million tonnes in 2008/09 and decreased by 22 per cent to 2.2 million tonnes in 2009/10. Pea exports were four per cent below the 5-year average (2004/05 to 2008/09). Figure 7 shows the Canadian exports of all peas to different regions of the world. In the 2009-10 crop year, Saskatchewan exported $611 million worth of peas to the world which represents 96 per cent of the total value Canadian exports to the world. Saskatchewan is also responsible for approximately 56 per cent of the value of the world's peas exports.

Figure 8 shows the supply and disposition of peas in Western Canada. The figure shows that the ending stocks to use ratio was at 26 per cent in the 2009/10 crop year, and is estimated to drop to seven per cent by the end of the 2010/11 crop year with increased exports and a higher amount in feed, waste, and dockage due to the harvesting challenges in 2010.

**Figure 7: Canadian Dry Peas Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | | 2009-2010 | |
|---|---|---|---|---|
| | | tonnes | | tonnes |
| | World | 2,828,340 | World | 2,196,293 |
| 1 | India | 1,314,600 | India | 1,100,183 |
| 2 | Bangladesh | 474,714 | China | 417,798 |
| 3 | China | 316,062 | Bangladesh | 308,638 |
| 4 | Cuba | 135,656 | United States | 27,615 |
| 5 | United Arab Emirates | 86,819 | Indonesia | 22,121 |
| 6 | Pakistan | 42,176 | Cuba | 21,727 |
| 7 | United States | 41,434 | Colombia | 21,180 |
| 8 | Colombia | 37,364 | Venezuela | 18,842 |
| 9 | Norway | 34,081 | Kenya | 16,400 |
| 10 | Denmark | 28,216 | South Africa | 16,023 |
| 11 | Spain | 22,522 | Phillipines | 15,174 |
| 12 | South Africa | 18,496 | United Arab Emirates | 13,505 |
| 13 | Peru | 14,044 | Taiwan | 12,496 |
| 14 | Venezuela | 13,124 | Brazil | 11,303 |
| 15 | Iraq | 12,868 | Pakistan | 10,149 |
| 16 | Sudan | 12,500 | Yemen | 10,046 |
| 17 | Taiwan | 12,461 | Japan | 9,643 |
| 18 | Philippines | 11,691 | Peru | 9,222 |
| 19 | Germany | 11,463 | Mexico | 8,606 |
| 20 | United Kingdom | 10,305 | Spain | 8,424 |

Source: Statistics Canada

**Figure 8: Pea Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Area | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | '000 tonnes | '000 acres | '000 tonnes | | | | | | | | |
| 2001/02 | 205.9 | 3,175.0 | 2,044.8 | 27.0 | 2,277.7 | 1,381.0 | 19.0 | 280.0 | 290.0 | 307.7 | 16% |
| 2002/03 | 307.7 | 2,420.0 | 1,283.8 | 41.0 | 1,632.5 | 627.9 | 23.0 | 250.0 | 421.6 | 310.0 | 23% |
| 2003/04 | 310.0 | 2,840.0 | 1,930.9 | 24.0 | 2,264.9 | 1,315.7 | 23.0 | 230.0 | 496.2 | 200.0 | 10% |
| 2004/05 | 200.0 | 3,074.0 | 3,097.2 | 57.3 | 3,354.5 | 1,853.0 | 23.0 | 219.3 | 786.2 | 473.0 | 16% |
| 2005/06 | 473.0 | 3,130.0 | 2,993.6 | 75.3 | 3,541.9 | 2,567.4 | 23.0 | 212.2 | 376.3 | 363.0 | 11% |
| 2006/07 | 363.0 | 3,041.0 | 2,519.9 | 59.9 | 2,942.8 | 1,969.2 | 23.0 | 247.0 | 536.6 | 167.0 | 6% |
| 2007/08 | 167.0 | 3,565.0 | 2,934.8 | 37.6 | 3,139.4 | 2,201.6 | 23.0 | 271.8 | 388.0 | 255.0 | 9% |
| 2008/09 | 255.0 | 3,910.0 | 3,571.3 | 15.1 | 3,841.4 | 2,828.3 | 23.0 | 255.8 | 289.3 | 445.0 | 13% |
| 2009/10 | 445.0 | 3,675.0 | 3,379.4 | 55.1 | 3,879.5 | 2,196.3 | 30.0 | 234.7 | 623.5 | 795.0 | 26% |
| 2010/11 | 795.0 | 3,267.0 | 2,862.4 | 30.0 | 3,687.4 | 2,400.0 | 30.0 | 211.0 | 800.0 | 246.4 | 7% |

* Feed, Waste and dockage
Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research

# Lentils

For 2010, the estimated total lentil production in Saskatchewan is 1.8 mmt, which is up 24 per cent from the 2009 lentil production. The increase in lentil production was a result of increased acres. In 2010 the estimated seeded area for all lentils was 3.3 million acres, up 42 per cent from 2009. The provincial lentil yield in 2010 averaged 1,282 pounds per acre, down eight per cent from the 2009 yield and 16 per cent above the 10-year provincial average. A summary of the production and prices for all lentils in the past ten years is shown in Figure 9. In 2010, the lentil crop is expected to grade 32 per cent in the top two grades, compared to the 10-year average of 75 per cent.

Figure 10 shows the acres seeded to lentils by crop district in 2009. The data is not yet available by crop district for 2010. Districts with the highest seeded acres in 2009 were 3bn with 461,568, 7a with 403,202, and 2b with 357,890 seeded acres – the same top three as in 2008.

## Large Green Lentils

Saskatchewan large green lentil production is estimated to be 669,600 tonnes in 2010. Production is up 31 per cent from 2009. Harvested acres increased by 39 per cent from 2009. Yields averaged 1,312 pounds per acre, down six per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 35.0¢ per pound. The spot price dropped to 25.9¢ per pound in September, rose to 37.8¢ per pound by January, fell to 26.4¢ per pound by May and was 31.2¢ per pound at the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 11.

## Small Green Lentils

Saskatchewan small green lentil production is estimated to be 139,600 tonnes in 2010. Production is down 19 per cent from 2009 production. Harvested acres decreased by 10 per cent from 2009 and yields averaged 1,367 pounds per acre, down 10 per cent from last year.

**Figure 9: Lentil Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (lbs/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 1,660 | 1,198 | 888,100 | 316 |
| 2001/02 | 1,720 | 759 | 557,900 | 323 |
| 2002/03 | 1,320 | 817 | 326,100 | 450 |
| 2003/04 | 1,250 | 862 | 475,000 | 423 |
| 2004/05 | 1,800 | 1,143 | 902,700 | 368 |
| 2005/06 | 1,960 | 1,320 | 1,150,200 | 249 |
| 2006/07 | 1,400 | 1,115 | 692,800 | 296 |
| 2007/08 | 1,435 | 1,136 | 733,900 | 503 |
| 2008/09 | 1,745 | 1,330 | 1,043,200 | 754 |
| 2009/10 | 2,355 | 1,397 | 1,480,100 | 661 |
| 2010/11 | 3,340 | 1,282 | 1,840,300 | |

Source: Statistics Canada

**Figure 10: Lentil Seeded Acres by Crop District, 2009**

Source: Statistics Canada
Confidential Data withheld because of small sample size

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 29.3¢ per pound. The spot price fell to 23.2¢ per pound by October, rose to 31.4¢ per pound by January, and fell to 24.4¢ per pound by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 11.

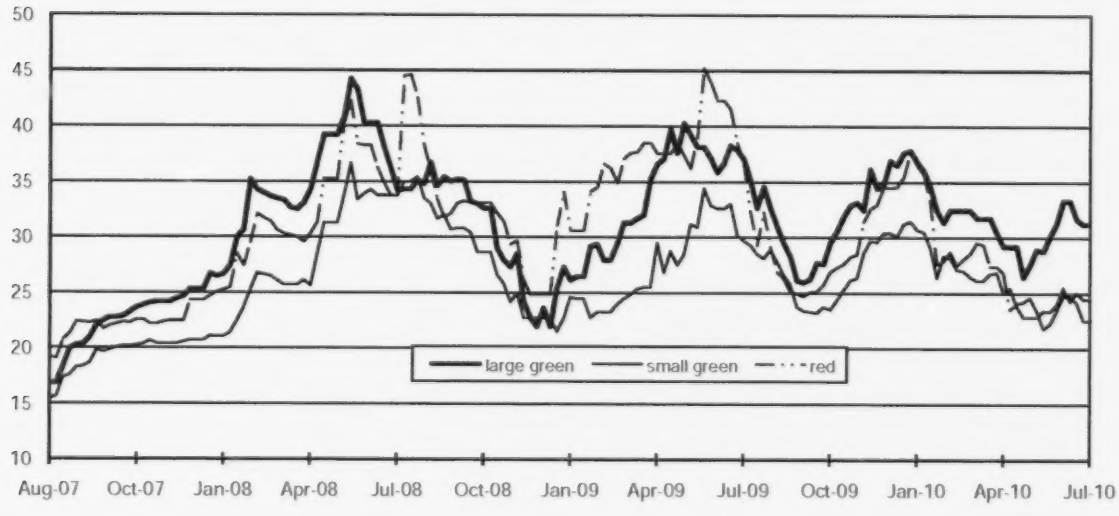
## Red Lentils

Saskatchewan red lentil production is estimated to be 998,100 tonnes in 2010. Production increased by 31 per cent from 2009. In 2010, 1.8 million acres of red lentil were harvested, up 44 per cent from 2009. Yields averaged 1,250 pounds per acre, down ten per cent from the 1,381 pounds per acre in 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 32.3¢ per pound. The spot price fell to 24.7¢ per pound by September, rose to 37.7¢ by January, and fell to 22.5¢ per pound by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 11.

**Figure 11: Saskatchewan Large Green, Small Green and Red Lentil Spot Prices**

Delivered Plant (¢/lb)




Source: Saskatchewan Ministry of Agriculture

**Figure 12: Canadian Lentil Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | tonnes | 2009-2010 | tonnes |
|---|---|---|---|---|
| | World | 973,273 | World | 1,385,680 |
| 1 | Turkey | 198,936 | India | 284,068 |
| 2 | United Arab Emirates | 70,371 | Turkey | 226,072 |
| 3 | India | 67,999 | Bangladesh | 129,459 |
| 4 | Colombia | 63,381 | United Arab Emirates | 95,758 |
| 5 | Sri Lanka | 60,145 | Algeria | 75,663 |
| 6 | Egypt | 54,614 | Sri Lanka | 74,159 |
| 7 | Algeria | 54,404 | Colombia | 64,480 |
| 8 | Pakistan | 50,007 | Egypt | 61,729 |
| 9 | Bangladesh | 46,044 | Pakistan | 41,718 |
| 10 | Mexico | 29,400 | Mexico | 36,558 |
| 11 | Venezuela | 24,378 | Italy | 25,327 |
| 12 | Italy | 21,344 | Spain | 24,862 |
| 13 | Peru | 18,957 | Venezuela | 24,642 |
| 14 | United States | 18,230 | Chile | 18,487 |
| 15 | Spain | 17,648 | Morocco | 18,326 |
| 16 | Ecuador | 16,592 | Peru | 17,358 |
| 17 | Morocco | 16,127 | Ecuador | 17,074 |
| 18 | Chile | 13,714 | Germany | 15,557 |
| 19 | Germany | 10,207 | Brazil | 13,743 |
| 20 | Greece | 9,372 | France | 10,669 |

Source: Statistics Canada

## Other Lentils

'Other lentils' include medium green and French green varieties. The Saskatchewan 'other lentils' production is estimated to be 33,000 tonnes in 2010. Production decreased by three per cent from 2009. In 2010, 55,000 acres of 'other lentils' were harvested, on par with 2009. 'Other lentils' yields averaged 1,322 pounds per acre, down three per cent from 2009.

Canadian exports of all lentils were 973,273 tonnes in 2008/09 and increased by 42 per cent to 1.4 million tonnes in 2009/10. Lentil exports were 84 per cent above the 5-year average (2004/05 to 2008/09). Figure 12 shows the Canadian exports of all lentils to different regions of the world. In the 2009-10 crop year, Saskatchewan exported $1.165 billion worth of lentils to the world which represents 97 per centof the total value Canadian exports to the world. Saskatchewan is also responsible for approximately two-thirds of the value of world lentil exports.

Figure 13 shows the supply and disposition of lentils in Western Canada. The figure shows that the ending stocks to use ratio was down to three per cent in the 2009/10 crop year and is estimated to rise in the 2010/11 crop year due to increased production and decreased exports as a result of poorer quality from tough harvest conditions.

**Figure 13: Lentil Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Acres | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 000 tonnes | '000 acres | | | | '000 tonnes | | | | | |
| 2001/02 | 283.3 | 1,641.0 | 566.3 | 6.4 | 856.0 | 478.0 | 4.0 | 50.0 | 165.0 | 159.0 | 23% |
| 2002/03 | 159.0 | 881.0 | 328.0 | 9.0 | 496.0 | 320.1 | 4.0 | 43.0 | 73.9 | 55.0 | 12% |
| 2003/04 | 55.0 | 1,234.0 | 484.6 | 5.4 | 545.0 | 367.1 | 4.0 | 62.1 | 73.8 | 38.0 | 7% |
| 2004/05 | 38.0 | 1,765.0 | 915.8 | 10.0 | 963.8 | 450.9 | 4.0 | 67.5 | 199.4 | 242.0 | 34% |
| 2005/06 | 242.0 | 1,940.0 | 1,164.3 | 7.6 | 1,413.9 | 671.3 | 4.0 | 47.6 | 206.0 | 485.0 | 52% |
| 2006/07 | 485.0 | 1,370.0 | 692.8 | 12.8 | 1,190.6 | 851.7 | 4.0 | 48.8 | 87.1 | 199.0 | 20% |
| 2007/08 | 199.0 | 1,425.0 | 733.9 | 8.8 | 941.7 | 810.5 | 4.0 | 59.4 | 16.8 | 51.0 | 6% |
| 2008/09 | 51.0 | 1,730.0 | 1,043.2 | 7.4 | 1,101.6 | 973.3 | 4.0 | 81.7 | 10.6 | 32.0 | 3% |
| 2009/10 | 32.0 | 2,380.0 | 1,510.2 | 9.5 | 1,551.7 | 1,385.7 | - | 118.4 | -4.4 | 52.0 | 3% |
| 2010/11 | 52.0 | 3,300.0 | 1,947.1 | 8.5 | 2,007.6 | 1,350.0 | 4.0 | 109.0 | 400.0 | 144.6 | 8% |

* Feed, Waste and dockage

Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research

# Mustard

For 2010, the estimated total mustard production in Saskatchewan is 134,300 tonnes, which is down 16 per cent from the 2009 mustard production. The decrease in production was a result of decreased acres and lower yields. In 2010 the estimated seeded area for all mustard was 370,000 acres, down nine per cent from 2009. The provincial average yield in 2010 was 846 pounds per acre, down four per cent from the 2009 yield, and 16 per cent above the 10-year provincial average. In 2010, the crop is expected to grade 62 per cent No. 1 Canada versus the 10-year average of 72 per cent. A summary of the production and prices for all mustard in the past ten years is shown in Figure 14.

**Figure 14: Mustard Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (lbs/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 465 | 897 | 185,100 | 285 |
| 2001/02 | 330 | 625 | 92,100 | 474 |
| 2002/03 | 600 | 521 | 125,200 | 500 |
| 2003/04 | 675 | 600 | 176,900 | 464 |
| 2004/05 | 600 | 898 | 232,800 | 389 |
| 2005/06 | 400 | 863 | 152,700 | 300 |
| 2006/07 | 268 | 700 | 82,600 | 356 |
| 2007/08 | 375 | 560 | 95,300 | 689 |
| 2008/09 | 370 | 770 | 123,900 | 930 |
| 2009/10 | 405 | 885 | 160,600 | 657 |
| 2010/11 | 370 | 846 | 134,300 | |

Source: Statistics Canada

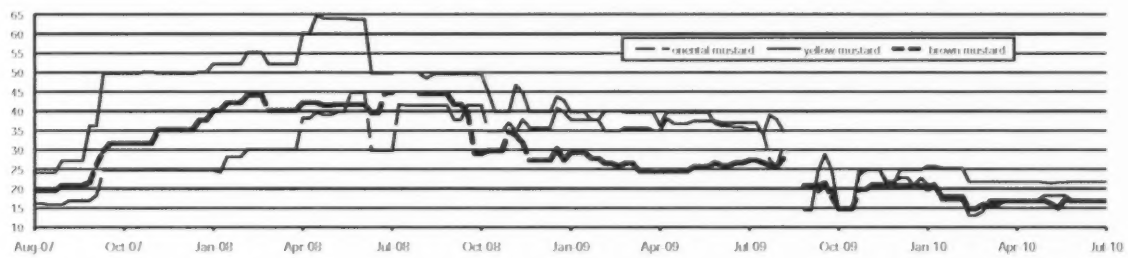
Figure 15 shows the acres seeded to by crop district in 2009. The data is not yet available by crop district for 2010. Districts with the highest seeded acres in 2009 were 6a with 61,098, 3bs with 60,167, and 3as with 47,114 seeded acres – the same top three as in 2008.

**Figure 15: Mustard Seeded Acres by Crop District, 2009**

Source: Statistics Canada

**Figure 16: Saskatchewan Brown, Yellow and Oriental Mustard Spot Price**

Delivered Plant (¢/lb)




Source: Saskatchewan Ministry of Agriculture

**Figure 17: Canadian Mustard Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | | 2009-2010 | |
|---|---|---|---|---|
| | | tonnes | | tonnes |
| | World | 130,944 | World | 127,963 |
| 1 | United States | 61,236 | United States | 63,052 |
| 2 | Belgium | 34,025 | Belgium | 26,068 |
| 3 | Germany | 7,940 | India | 8,076 |
| 4 | Japan | 6,402 | Japan | 6,070 |
| 5 | Netherlands | 6,084 | Germany | 5,264 |
| 6 | Thailand | 2,952 | Netherlands | 2,676 |
| 7 | Korea, South | 1,210 | Thailand | 2,280 |
| 8 | Switzerland | 1,087 | Senegal | 2,086 |
| 9 | Senegal | 1,056 | Venezuala | 1,846 |
| 10 | Venezuala | 1,023 | Switzerland | 1,463 |
| 11 | Australia | 973 | United Kingdom | 1,406 |
| 12 | United Kingdom | 940 | Korea, South | 1,123 |
| 13 | India | 907 | Australia | 1,093 |
| 14 | Bangledesh | 772 | Brazil | 705 |
| 15 | Brazil | 285 | Ecuador | 506 |
| 16 | Peru | 476 | South Africa | 335 |
| 17 | Chile | 458 | Morocco | 451 |
| 18 | Finland | 366 | Peru | 331 |
| 19 | Morocco | 309 | Italy | 331 |
| 20 | Greece | 305 | Turkey | 327 |

Source: Statistics Canada

## Yellow Mustard

Saskatchewan yellow mustard production is estimated to be 70,900 tonnes in 2010. Production is down 16 per cent from the 2009 production. Harvested acres also decreased by 16 per cent from 2009. Yields averaged 823 pounds per acre, down one per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 37.0¢ per pound. The spot price dropped to 14.4¢ per pound by September, rose to 25.7¢ per pound by late January, fell again to 21.3¢ per pound by June and had risen to 21.7¢ per pound by July 28, 2010. The cash/spot price for the past three crop years is shown in Figure 16.

## Brown Mustard

Saskatchewan brown mustard production is estimated to be 25,800 tonnes in 2010. Production is down 30 per cent from the 2009 production. Harvested acres decreased by 28 per cent from 2009. Yields averaged 875 pounds per acre, down three per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 27.2¢ per pound. The spot price dropped to 14.7¢ per pound by late October, rose to 21¢ per pound by mid-December, fell again to 14.7¢ per pound by mid-March, and was up to 16.7¢ per pound by July 28, 2010. The cash/spot price for the past three crop years is shown in Figure 16.

**Figure 18: Mustard Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Area | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | '000 tonnes | '000 acres | '000 tonnes | | | | | | | | |
| 2001/02 | 103.9 | 398.0 | 107.1 | 3.2 | 214.2 | 170.1 | 4.5 | 3.1 | 3.0 | 33.5 | 19% |
| 2002/03 | 33.5 | 630.0 | 154.3 | 4.2 | 192.0 | 114.0 | 17.0 | 3.4 | 22.5 | 35.1 | 22% |
| 2003/04 | 35.1 | 810.0 | 226.1 | 1.5 | 262.7 | 121.2 | 15.0 | 3.4 | 33.0 | 90.0 | 52% |
| 2004/05 | 90.0 | 703.0 | 286.7 | 1.3 | 378.0 | 119.0 | 19.8 | 2.2 | 46.0 | 191.0 | 102% |
| 2005/06 | 191.0 | 465.0 | 183.8 | 0.2 | 375.0 | 133.2 | 18.0 | 1.5 | 32.3 | 190.0 | 103% |
| 2006/07 | 190.0 | 320.0 | 108.2 | 1.3 | 299.5 | 153.0 | 20.5 | 2.1 | 32.9 | 91.0 | 44% |
| 2007/08 | 91.0 | 460.0 | 123.4 | 0.4 | 214.8 | 168.2 | 8.0 | 2.2 | 9.4 | 27.0 | 14% |
| 2008/09 | 27.0 | 460.0 | 161.0 | 0.9 | 188.9 | 130.9 | 8.0 | 2.4 | 3.6 | 44.0 | 30% |
| 2009/10 | 44.0 | 515.0 | 208.3 | 0.3 | 252.6 | 128.0 | 10.0 | 2.2 | 12.4 | 100.0 | 66% |
| 2010/11 | 100.0 | 460.0 | 186.8 | 0.1 | 286.9 | 140.0 | 10.0 | 1.9 | 14.0 | 121.0 | 73% |

* Feed, Waste and dockage

Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research

### Oriental Mustard

Saskatchewan oriental (and non-specified) mustard production is estimated to be 37,600 tonnes in 2010. Production is down four per cent from 2009. Harvested acres increased by 12 per cent from 2009. Yields averaged 873 pounds per acre, down 14 per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 35.2¢ per pound. The spot price had dropped to 14.7¢ per pound by late October, rose again to 24.7¢ by late November, dropped to 13.0¢ per pound by mid-March and closed the crop year at 17.0¢ per pound in July 2010. The cash/spot price for the past three crop years is shown in Figure 16.

Canadian exports of all mustard were 130,944 tonnes in 2008/98 and decreased by two per cent to 127,963 tonnes in 2009/10. All mustard exports were nine per cent below the 5-year average (2004/05 to 2008/09). Figure 17 shows the Canadian exports of all mustard to different regions of the world. In the 2009-10 crop year, Saskatchewan exported $64 million worth of mustard seed to the world which represents 56 per cent of the total value of Canadian exports to the world. Saskatchewan is also responsible for approximately one-quarter of the value of the world's mustard seed exports.

Figure 18 shows the supply and disposition of all mustard in Western Canada. The figure shows that the stocks to use ratio was up to 66 per cent in the 2009/10 crop year and is estimated to rise to 73 per cent by the end of the 2010/11 crop year due to exports remaining below average and a large carryover to work through.

## Canaryseed

For 2010, the estimated total canaryseed production in Saskatchewan is 101,900 tonnes, which is down 24 per cent from 2009. The decline in canaryseed production was a result of fewer seeded acres and lower yields. In 2010 the estimated seeded area was 295,000 acres, down two per cent from 2009. The provincial yield in 2010 averaged 811 pounds per acre which is down 30 per cent from 2009 and nine per cent below the 10-year provincial average. A summary of the production and prices for canaryseed in the past ten years is shown in Figure 19.

**Figure 19: Canaryseed Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (lbs/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 360 | 923 | 148,600 | 259 |
| 2001/02 | 360 | 637 | 101,200 | 681 |
| 2002/03 | 580 | 699 | 142,400 | 644 |
| 2003/04 | 570 | 782 | 198,700 | 379 |
| 2004/05 | 820 | 836 | 284,400 | 268 |
| 2005/06 | 435 | 1,099 | 219,300 | 201 |
| 2006/07 | 326 | 904 | 129,100 | 333 |
| 2007/08 | 425 | 827 | 155,700 | 525 |
| 2008/09 | 390 | 1,071 | 184,600 | 498 |
| 2009/10 | 300 | 1,163 | 151,900 | 402 |
| 2010/11 | 295 | 811 | 101,900 | |

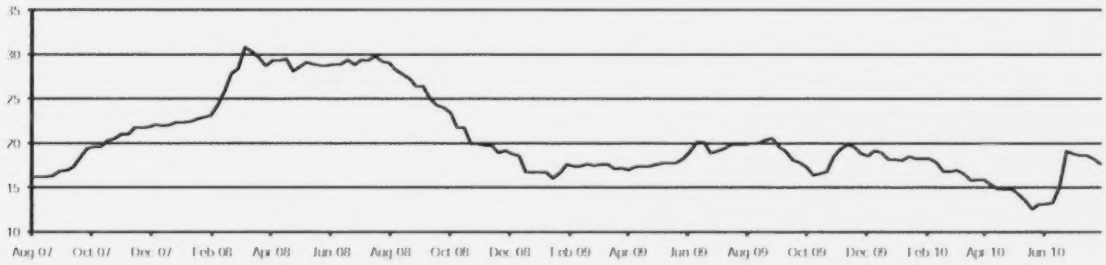
Source: Statistics Canada

**Figure 20: Canaryseed Seeded Acres by Crop District, 2009**

Source: Statistics Canada
Confidential: Data withheld because of small sample size

**Figure 21: Saskatchewan Canaryseed Spot Price**

Delivered Plant (¢/lb)




Source: Saskatchewan Ministry of Agriculture

**Figure 22: Canadian Canaryseed Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | | 2009-2010 | |
|---|---|---|---|---|
| | | tonnes | | tonnes |
| | World | 152,627 | World | 181,280 |
| 1 | Mexico | 43,328 | Mexico | 40,876 |
| 2 | Belgium | 18,886 | Belgium | 32,547 |
| 3 | Brazil | 14,697 | Brazil | 21,104 |
| 4 | Spain | 11,276 | Spain | 12,409 |
| 5 | United States | 11,179 | Colombia | 11,756 |
| 6 | Colombia | 10,319 | United States | 11,166 |
| 7 | Portugal | 4,557 | Venezuala | 7,144 |
| 8 | Venezuala | 4,004 | Italy | 6,633 |
| 9 | Peru | 3,987 | Portugal | 4,641 |
| 10 | Italy | 3,837 | Peru | 3,498 |
| 11 | Egypt | 2,431 | Chile | 3,235 |
| 12 | Algeria | 2,057 | Indonesia | 1,949 |
| 13 | Chile | 1,890 | Turkey | 1,847 |
| 14 | Indonesia | 1,711 | United Arab Emirates | 1,682 |
| 15 | Germany | 1,584 | Egypt | 1,681 |
| 16 | Morocco | 1,356 | Guatemala | 1,611 |
| 17 | Guatemala | 1,335 | Algeria | 1,339 |
| 18 | United Arab Emirates | 1,232 | Japan | 1,272 |
| 19 | Greece | 1,177 | Greece | 1,196 |
| 20 | Ecuador | 1,170 | Ecuador | 1,139 |

Source: Statistics Canada

Figure 20 shows the acres seeded to canaryseed by crop district in 2009. The data is not yet available by crop district for 2010. Districts with the highest seeded acres in 2008 were 2b with 66,517, 7a with 64,261 and 5b with 26,291 seeded acres. Last year Crop District 3bn had more acres planted to canaryseed than 5b did.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 20.0¢ per pound. The spot price fell to 16.4¢ per pound in early October, rose to 19.8¢ per pound by early November, eventually fell to 12.5¢ per pound by mid-May and was 17.6¢ per pound by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 21.

Fifty-three per cent of the seeded area was to regular canaryseed, while 47 per cent was to hairless canaryseed. Regular canaryseed out-yielded hairless canaryseed by one per cent.

Canadian exports of canaryseed were 152,627 tonnes in 2008/09 and increased by 19 per cent to 181,280 tonnes in 2009/10. Exports were three per cent above the 5-year average (2004/05 to 2008/09). Figure 22 shows the Canadian exports of all canaryseed to different regions of the world. In the 2009-10 crop year, Saskatchewan exported $90 million worth of canary seed to the world which represents 86 per cent of the total value of Canadian exports to the world. Saskatchewan is also responsible for over 70 per cent of the value of world canary seed exports.

Figure 23 shows the supply and disposition of canaryseed in Western Canada. The figure shows that the ending stocks to use ratio was down to 20 per cent in the 2009/10 crop year, and is estimated to drop further to 2 per cent by the end of the 2010/11 crop year due mainly to lower production.

**Figure 23: Canaryseed Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Area | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | '000 tonnes | '000 acres | '000 tonnes | | | | | | | | |
| 2001/02 | 69.1 | 404.0 | 113.9 | 0.1 | 183.1 | 133.7 | 5.0 | 6.0 | 9.0 | 29.4 | 19% |
| 2002/03 | 29.4 | 560.0 | 177.5 | 0.1 | 207.0 | 163.7 | 5.0 | 8.1 | 5.2 | 25.0 | 14% |
| 2003/04 | 25.0 | 630.0 | 234.6 | - | 259.6 | 164.7 | 5.0 | 15.0 | 7.9 | 67.0 | 35% |
| 2004/05 | 67.0 | 785.0 | 300.5 | - | 367.5 | 163.1 | 5.0 | 8.0 | 23.4 | 168.0 | 84% |
| 2005/06 | 168.0 | 450.0 | 227.2 | - | 395.2 | 185.2 | 5.0 | 5.9 | 9.1 | 190.0 | 93% |
| 2006/07 | 190.0 | 324.0 | 133.1 | - | 323.1 | 177.9 | 5.0 | 7.7 | 12.5 | 120.0 | 59% |
| 2007/08 | 120.0 | 430.0 | 162.0 | - | 282.0 | 204.2 | 2.0 | 7.3 | 3.5 | 65.0 | 30% |
| 2008/09 | 65.0 | 405.0 | 195.6 | - | 260.6 | 152.6 | 4.0 | 5.5 | 15.5 | 83.0 | 47% |
| 2009/10 | 83.0 | 300.0 | 159.3 | - | 242.3 | 181.3 | 4.0 | 5.6 | 10.4 | 41.0 | 20% |
| 2010/11 | 41.0 | 298.0 | 110.6 | - | 151.6 | 130.0 | 3.0 | 5.7 | 10.0 | 2.9 | 2% |

* Feed, Waste and dockage
Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research

# Chickpeas

For 2010, the estimated total chickpea production in Saskatchewan is 57,400 tonnes, which is on par with 2009 production. In 2010 the estimated seeded area for all chickpeas was 205,000 acres, up 156 per cent from 2009. The provincial chickpea yield in 2010 averaged 1,489 pounds per acre, down 12 per cent from 2009 and 27 per cent above the 10-year provincial average. In 2010, the crop is expected to grade 11 per cent No. 1 CW versus the 10-year average of 45 per cent. A summary of the production and prices for all chickpeas in the past ten years is shown in Figure 24.

**Figure 24: Chickpea Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (lbs/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 680 | 1,257 | 370,700 | 602 |
| 2001/02 | 1,100 | 895 | 434,500 | 494 |
| 2002/03 | 430 | 886 | 128,600 | 481 |
| 2003/04 | 130 | 923 | 54,400 | 492 |
| 2004/05 | 100 | 1,175 | 42,600 | 388 |
| 2005/06 | 165 | 1,240 | 84,300 | 455 |
| 2006/07 | 278 | 1,100 | 137,200 | 539 |
| 2007/08 | 380 | 1,149 | 198,100 | 546 |
| 2008/09 | 110 | 1,409 | 67,000 | 545 |
| 2009/10 | 80 | 1,689 | 57,400 | 573 |
| 2010/11 | 205 | 1,489 | 128,300 | |

Source: Statistics Canada

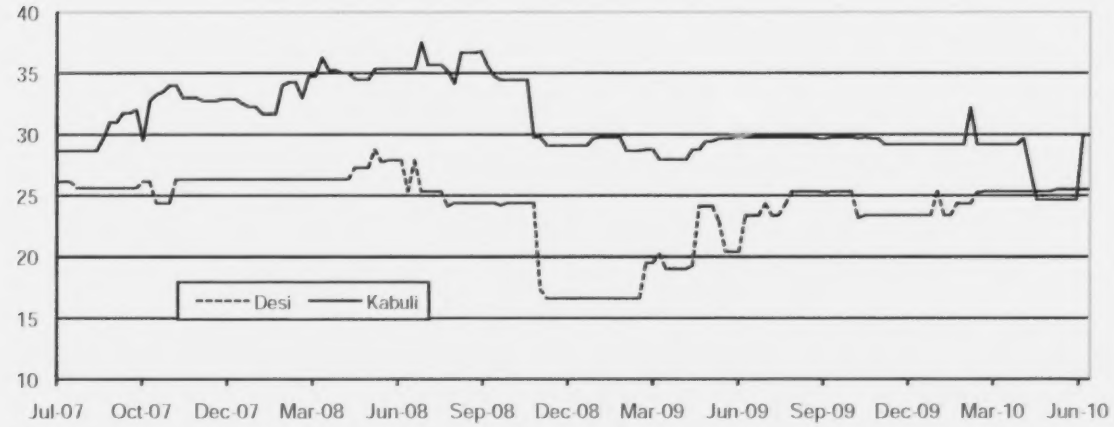
Figure 25 shows the acres seeded to chickpeas by crop district in 2009. The data is not yet available by crop district for 2010. Districts with the highest seeded acres in 2009 were 3as with 26 545, 3an with 20,870 and 3bn with 13,148 seeded acres – the same three districts as last year.

**Figure 25: Chickpea Seeded Acres by Crop District, 2009**

Source: Statistics Canada
Confidential Data withheld because of small sample size

**Figure 26: Saskatchewan Kabuli and Desi Chickpea Spot Prices**

Delivered Plant (¢/lb)




Source: Saskatchewan Ministry of Agriculture

**Figure 27: Canadian Chickpea Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | | 2009-2010 | |
|---|---|---|---|---|
| | | tonnes | | tonnes |
| | World | 54,303 | World | 67,738 |
| 1 | United States | 11,535 | United States | 11,425 |
| 2 | Pakistan | 10,517 | Pakistan | 10,416 |
| 3 | India | 6,507 | India | 7,518 |
| 4 | Italy | 3,968 | Italy | 5,112 |
| 5 | Colombia | 3,238 | Jordan | 5,081 |
| 6 | Jordan | 2,954 | Spain | 3,582 |
| 7 | Spain | 2,628 | Egypt | 3,114 |
| 8 | United Kingdom | 2,461 | United Kingdom | 3,003 |
| 9 | Algeria | 1,684 | Algeria | 2,765 |
| 10 | Trinidad & Tobago | 1,448 | United Arab Emirates | 2,474 |
| 11 | United Arab Emirates | 1,187 | Trinidad & Tobago | 1,804 |
| 12 | Lebanon | 912 | Portugal | 1,688 |
| 13 | Egypt | 781 | Saudi Arabia | 1,641 |
| 14 | Dominican Republic | 740 | Turkey | 1,493 |
| 15 | Israel | 482 | Lebanon | 1,449 |
| 16 | Germany | 477 | Colombia | 1,080 |
| 17 | Belgium | 365 | Belgium | 835 |
| 18 | Ecuador | 325 | Tunisa | 647 |
| 19 | Netherlands | 185 | Sri Lanka | 370 |
| 20 | Japan | 177 | Germany | 368 |

Source: Statistics Canada

## Kabuli Chickpea

Saskatchewan Kabuli chickpea production is estimated to be 94,900 tonnes in 2010. Production is up 149 per cent from 2009. In 2010, 140,000 acres of Kabuli chickpea were harvested, up 180 per cent from 2009. Yields averaged 1,494 pounds per acre, down 11 per cent from 2009.

The spot price at Saskatchewan plants in the beginning of the 2009/10 crop was 29.7¢ per pound. The spot price fell to 24.7¢ per pound by early May and rose to 29.7¢ per pound by the end of July 2010. The cash/spot price for the past three crop years is shown in Figure 26.

## Desi Chickpea

For 2010, the estimated Desi chickpea and "Other or Unspecified chickpeas" production in Saskatchewan is not available due to the unreliability of estimates because of the small sample size.

The spot price for Saskatchewan plants in the beginning of the 2009/10 crop was 23.4¢ per pound. The spot price rose to 25.3¢ per pound in mid-August, then fell back to 23.4¢ per pound by early November and rose to 25.5¢ per pound by the end of July 2009. The cash/spot price for the past three crop years is shown in Figure 26.

Canadian exports of chickpeas were 54,303 tonnes in 2008/09 and increased by 25 per cent to 67,738 tonnes in 2009/10. Exports were two per cent below the 5-year average (2004/54 to 2008/09). Figure 27 shows the Canadian exports of all chickpeas to different regions of the world. In the 2009-10 crop year, Saskatchewan exported $42 million worth of chickpeas to the world which represented 75 per cent of the total value of Canadian exports to the world. Saskatchewan is also responsible for approximately six per cent of the value of the world's chickpea exports.

Figure 28 shows the supply and disposition of chickpeas in Western Canada. The figure shows that the ending stocks to use ratio was 20 per cent in the 2009/10 crop year and this is estimated to fall to 15 per cent by the end of the 2010/11 crop year, due to increased feed, waste, and dockage because of poor harvesting conditions.

**Figure 28: Chickpea Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Area | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | '000 tonnes | '000 acres | '000 tonnes | | | | | | | | |
| 2001/02 | 33.9 | 1,155.0 | 455.0 | 11.9 | 500.8 | 146.4 | 1.5 | 50.0 | 159.5 | 143.4 | 40% |
| 2002/03 | 143.4 | 350.0 | 144.5 | 8.7 | 296.6 | 104.7 | 1.5 | 22.0 | 68.4 | 100.0 | 51% |
| 2003/04 | 100.0 | 155.0 | 67.6 | 2.4 | 170.0 | 73.5 | 2.0 | 7.6 | 18.9 | 68.0 | 67% |
| 2004/05 | 68.0 | 95.0 | 51.2 | 3.8 | 123.0 | 46.6 | 11.0 | 12.4 | 11.0 | 42.0 | 52% |
| 2005/06 | 42.0 | 180.0 | 103.9 | 6.8 | 152.7 | 64.0 | 20.0 | 20.3 | 31.4 | 17.0 | 13% |
| 2006/07 | 17.0 | 315.0 | 163.2 | 5.0 | 185.2 | 115.3 | 14.0 | 27.3 | 18.6 | 10.0 | 6% |
| 2007/08 | 10.0 | 430.0 | 224.8 | 8.3 | 243.1 | 69.5 | 16.0 | 7.0 | 58.6 | 92.0 | 61% |
| 2008/09 | 92.0 | 105.0 | 67.0 | 4.1 | 163.1 | 54.3 | 15.0 | 6.7 | 25.1 | 62.0 | 61% |
| 2009/10 | 62.0 | 100.0 | 75.5 | 5.0 | 142.5 | 67.7 | 15.0 | 13.0 | 26.8 | 20.0 | 16% |
| 2010/11 | 20.0 | 190.0 | 128.3 | 5.0 | 153.3 | 57.0 | 15.0 | 9.0 | 57.0 | 15.3 | 11% |

* Feed, Waste and dockage
Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research

# Sunflowers

For 2010 the estimated total sunflower production in Saskatchewan is not available due to the unreliability of estimates. In 2010, none of the sunflower crop is expected to grade number 1, versus the 10-year average of 57 per cent. A summary of the production and prices for all sunflowers in the past ten years is shown in Figure 29.

The spot price at Saskatchewan plants at the beginning of the 2009/10 crop was $243 per tonne.

**Figure 29: Sunflower Production and Prices in Saskatchewan**

| | Seeded Area '000 acres | Yield (lbs/acre) | Production (tonnes) | Average Price ($/tonne) |
|---|---|---|---|---|
| 2000/01 | 25 | 1,365 | 12,400 | 217 |
| 2001/02 | 20 | 895 | 8,100 | 323 |
| 2002/03 | 30 | 1,357 | 17,200 | 410 |
| 2003/04 | 45 | 800 | 15,600 | 292 |
| 2004/05 | 30 | 633 | 6,400 | 284 |
| 2005/06 | 30 | 1,028 | 11,700 | 305 |
| 2006/07 | 16 | | | 354 |
| 2007/08 | 10 | 1,100 | 5,000 | 420 |
| 2008/09 | 10 | | | n.a. |
| 2009/10 | 10 | | | n.a. |
| 2010/11 | 5 | | | |

Source: Statistics Canada

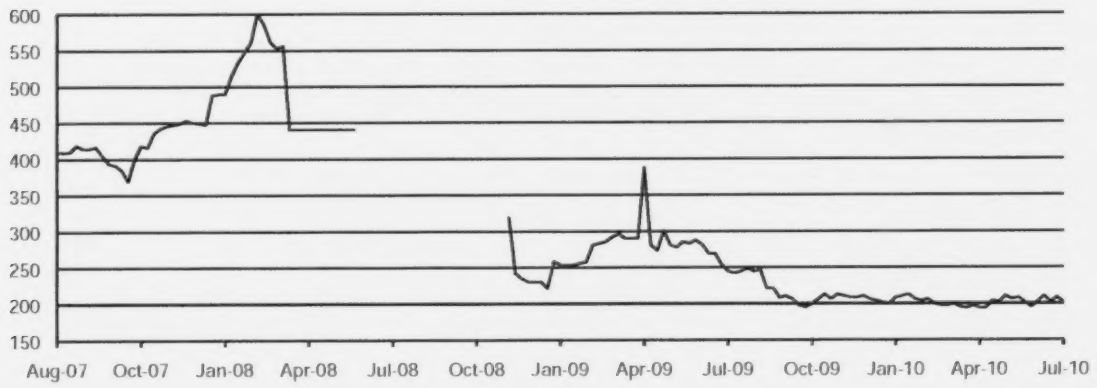
**Figure 31: Canadian Sunflower Exports**

**Top 20 Destinations by Crop Year**

| | 2008-2009 | tonnes | 2009-2010 | tonnes |
|---|---|---|---|---|
| | World | 88,106 | World | 49,039 |
| 1 | United States | 62,215 | United States | 35,863 |
| 2 | United Arab Emirates | 15,450 | United Arab Emirates | 4,008 |
| 3 | Syria | 1,923 | Mexico | 954 |
| 4 | Mexico | 1,787 | Egypt | 786 |
| 5 | Guatemala | 692 | Costa Rica | 735 |
| 6 | Jordan | 563 | Japan | 644 |
| 7 | Japan | 536 | Syria | 623 |
| 8 | Colombia | 481 | Colombia | 574 |
| 9 | Kuwait | 451 | Guatemala | 419 |
| 10 | Turkey | 337 | Venezuela | 403 |
| 11 | Lebanon | 336 | Turkey | 380 |
| 12 | Panama | 326 | Phillipines | 329 |
| 13 | Dominican Republic | 323 | Lebanon | 313 |
| 14 | Venezuela | 316 | Kuwait | 305 |
| 15 | Costa Rica | 286 | Honduras | 272 |
| 16 | Chile | 271 | Tunisia | 271 |
| 17 | Honduras | 261 | Dominican Republic | 232 |
| 18 | El Salvador | 144 | Jordan | 226 |
| 19 | Trinidad & Tobago | 141 | Iraq | 209 |
| 20 | Algeria | 131 | Trinidad & Tobago | 209 |

Source: Statistics Canada

**Figure 30: Saskatchewan Oilseed Sunflower Spot Price ($/tonne)**




Data not reported between June 25/08 to November 26/08

Source: Saskatchewan Ministry of Agriculture

The spot price fell to $195 per tonne by October, and was as high as $213 in late November. The spot price was $202 per tonne in late July. The cash/spot price for the past three crop years is shown in Figure 30.

Canadian exports of sunflower were 88,106 tonnes in 2008/09 and decreased by 44 per cent to 49,039 tonnes in 2009/10. Sunflower exports were 45 per cent below the 5-year average (2004/05 to 2008/09).

Figure 31 shows the Canadian exports to different regions of the world.

Figure 32 shows the supply and disposition of sunflower in Western Canada. The figure shows that the ending stocks to use ratio was up to 39 per cent in the 2009/10 crop year and this is estimated to drop to 16 per cent by the end of the 2010/11 crop year, due mainly to decreased production.

**Figure 32: Sunflower Supply and Disposition, Western Canada**

| | Aug 1 Stocks | Harvested Area | Production | Imports | Total Supply | Exports | Domestic Use | Seed | F.W.D.* | July 31 Stocks | Stocks/ Use |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | '000 tonnes | '000 acres | '000 tonnes | | | | | | | | |
| 2001/02 | 46.2 | 165.0 | 103.8 | 29.7 | 179.7 | 92.0 | 55.0 | 1.2 | 10.0 | 21.5 | 14% |
| 2002/03 | 21.5 | 234.0 | 157.4 | 21.4 | 200.3 | 105.4 | 47.0 | 1.4 | 11.5 | 35.1 | 21% |
| 2003/04 | 35.1 | 261.0 | 142.3 | 15.7 | 193.1 | 95.7 | 65.0 | 0.5 | 6.9 | 25.0 | 15% |
| 2004/05 | 25.0 | 137.0 | 52.2 | 35.0 | 112.2 | 31.9 | 54.0 | 0.5 | 10.8 | 15.0 | 15% |
| 2005/06 | 15.0 | 175.0 | 84.4 | 26.3 | 125.7 | 45.7 | 45.0 | 0.4 | 7.6 | 27.0 | 27% |
| 2006/07 | 27.0 | 190.0 | 157.3 | 11.9 | 196.2 | 121.0 | 50.8 | 0.5 | 5.9 | 18.0 | 10% |
| 2007/08 | 18.0 | 195.0 | 124.8 | 17.6 | 160.4 | 111.6 | 33.0 | 0.4 | 3.4 | 12.0 | 8% |
| 2008/09 | 12.0 | 170.0 | 112.2 | 20.3 | 144.5 | 88.1 | 32.0 | 0.4 | 2.0 | 22.0 | 18% |
| 2009/10 | 22.0 | 157.0 | 101.9 | 26.0 | 149.9 | 49.0 | 48.6 | 0.3 | 10.0 | 42.0 | 39% |
| 2010/11 | 42.0 | 127.0 | 67.6 | 25.0 | 134.6 | 60.0 | 48.0 | 0.3 | 8.0 | 18.3 | 16% |

* Feed, Waste and dockage

Source: Saskatchewan Ministry of Agriculture estimates based on data from Statistics Canada, Agriculture and Agri-Food Canada (AAFC) and STAT Market Research.

# Other Crops

Triticale production is estimated at 27,900 tonnes, up 61 per cent from 2009 production of 17,300 tonnes. The increase is due to a 50 per cent decrease in harvest acres as well as an increase in yield. The average yield for triticale was 2,050 pounds per acres, up eight per cent from 2009. In 2010, 32 per cent of the triticale crop is expected to grade No. 1 Canada.

Coriander seeded area was the same as 2009, with around 20,000 acres planted. In 2009/10, Canadian exports to the world totaled 4,736 tonnes. This was a 14 per cent increase from the 4,159 tonnes exported in 2008/09. The United States was the main importer followed by Japan and Sri Lanka.

Caraway seeded area was expected to be up slightly compared to 2009, with 7,000 acres planted. In 2009/10, Canadian exports to the world totaled 2,593 tonnes. This was a one per cent decrease from the 2,628 tonnes exported in 2008/09. The United States was the major importer, followed by Germany and the Netherlands.

Camelina was primarily grown under contract (through Great Plains and Sustainable Oils). Yields suffered due to wet conditions during the season. Camelina does not perform well under waterlogging conditions and yields were lower as a result.

Borage seeded area is estimated to be slightly lower than 2009, with 2,000 acres planted. Dry bean acreage is estimated to be lower than 2009, as is camelina acreage. Fababean and hemp acreage are expected to be similar to 2009 acreage. Soybean acreage is estimated to be higher than what was planted in 2009.

Other crops grown include buckwheat, fenugreek, quinoa, and prairie carnation.

## Figure 33: Western Canada Specialty Crops Area, Production, and Canadian Exports

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Mustard** | | | | | | | | | | |
| | | | | | Seeded Area (thousand acres) | | | | | |
| Alberta | 60.0 | 85.0 | 140.0 | 130.0 | 80.0 | 62.5 | 85.0 | 110.0 | 120.0 | 110.0 |
| Saskatchewan | 330.0 | 600.0 | 675.0 | 600.0 | 400.0 | 268.2 | 375.0 | 370.0 | 405.0 | 370.0 |
| Manitoba | 20.0 | 30.0 | 25.0 | 8.0 | | | | | | |
| **Western Canada** | **410.0** | **715.0** | **840.0** | **738.0** | **480.0** | **330.7** | **460.0** | **480.0** | **525.0** | **480.0** |
| | | | | | Production (thousand tonnes) | | | | | |
| Alberta | 9.9 | 19.1 | 38.8 | 51.2 | 31.1 | 25.6 | 28.1 | 37.1 | 47.7 | 52.5 |
| Saskatchewan | 92.1 | 125.2 | 176.9 | 232.8 | 152.7 | 82.6 | 95.3 | 123.9 | 160.6 | 134.3 |
| Manitoba | 5.1 | 10.0 | 10.4 | 2.7 | | | | | | |
| **Western Canada** | **107.1** | **154.3** | **226.1** | **286.7** | **183.8** | **108.2** | **123.4** | **161.0** | **208.3** | **186.8** |
| | | | | | Canadian Exports | | | | | |
| | **01/02** | **02/03** | **03/04** | **04/05** | **05/06** | **06/07** | **07/08** | **08/09** | **09/10** | |
| '000 tonnes | 170.7 | 114.0 | 121.2 | 119.0 | 133.2 | 153.0 | 168.2 | 130.9 | 128.0 | |
| **Chickpeas** | | | | | | | | | | |
| | | | | | Seeded Area (thousand acres) | | | | | |
| Alberta | 100.0 | 45.0 | 25.0 | 15.0 | 30.0 | 40.7 | 50.0 | | 25.0 | |
| Saskatchewan | 1,100.0 | 430.0 | 130.0 | 100.0 | 165.0 | 278.2 | 380.0 | 110.0 | 80.0 | 205.0 |
| Manitoba | | | | | | | | | | |
| **Western Canada** | **1,200.0** | **475.0** | **155.0** | **115.0** | **195.0** | **318.9** | **430.0** | **110.0** | **105.0** | **205.0** |
| | | | | | Production (thousand tonnes) | | | | | |
| Alberta | 20.5 | 15.9 | 13.2 | 8.6 | 19.6 | 26.0 | 26.7 | | 18.1 | |
| Saskatchewan | 434.5 | 128.6 | 54.4 | 42.6 | 84.3 | 137.2 | 198.1 | 67.0 | 57.4 | 128.3 |
| Manitoba | | | | | | | | | | |
| **Western Canada** | **455.0** | **144.5** | **67.6** | **51.2** | **103.9** | **163.2** | **224.8** | **67.0** | **75.5** | **128.3** |
| | | | | | Canadian Exports | | | | | |
| | **01/02** | **02/03** | **03/04** | **04/05** | **05/06** | **06/07** | **07/08** | **08/09** | **09/10** | |
| '000 tonnes | 146.6 | 104.5 | 73.5 | 46.6 | 64.0 | 115.3 | 69.5 | 54.3 | 67.7 | |
| **Lentils** | | | | | | | | | | |
| | | | | | Seeded Area (thousand acres) | | | | | |
| Alberta | 20.0 | 15.0 | 15.0 | 18.0 | 24.0 | | | | 45.0 | 140.0 |
| Saskatchewan | 1,720.0 | 1,320.0 | 1,250.0 | 1,800.0 | 1,960.0 | 1,400.0 | 1,435.0 | 1,745.0 | 2,355.0 | 3,340.0 |
| Manitoba | 10.0 | | 4.0 | 7.0 | | | | | | |
| **Western Canada** | **1,750.0** | **1,335.0** | **1,269.0** | **1,825.0** | **1,984.0** | **1,400.0** | **1,435.0** | **1,745.0** | **2,400.0** | **3,480.0** |
| | | | | | Production (thousand tonnes) | | | | | |
| Alberta | 5.0 | 1.9 | 6.9 | 11.3 | 14.1 | | | | 30.1 | 106.8 |
| Saskatchewan | 557.9 | 326.1 | 475.0 | 902.7 | 1,150.2 | 692.8 | 733.9 | 1,043.2 | 1,480.1 | 1,840.3 |
| Manitoba | 3.4 | | 2.7 | 1.8 | | | | | | |
| **Western Canada** | **566.3** | **328.0** | **484.6** | **915.8** | **1,164.3** | **692.8** | **733.9** | **1,043.2** | **1,510.2** | **1,947.1** |
| | | | | | Canadian Exports | | | | | |
| | **01/02** | **02/03** | **03/04** | **04/05** | **05/06** | **06/07** | **07/08** | **08/09** | **09/10** | |
| '000 tonnes | 478.3 | 319.6 | 367.1 | 450.9 | 671.3 | 851.7 | 810.5 | 973.3 | 1,385.7 | |

## Figure 33: Western Canada Specialty Crops Area, Production, and Canadian Exports

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Peas** | | | | | | | | | | |
| | | | | | Seeded Area (thousand acres) | | | | | |
| Alberta | 610.0 | 650.0 | 600.0 | 640.0 | 555.0 | 587.3 | 610.0 | 710.0 | 800.0 | 800.0 |
| Saskatchewan | 2,550.0 | 2,135.0 | 2,145.0 | 2,375.0 | 2,550.0 | 2,430.5 | 2,925.0 | 3,175.0 | 2,875.0 | 2,875.0 |
| Manitoba | 150.0 | 200.0 | 135.0 | 150.0 | 110.0 | 91.4 | 95.0 | 110.0 | 85.0 | 85.0 |
| **Western Canada** | **3,310.0** | **2,985.0** | **2,880.0** | **3,165.0** | **3,215.0** | **3,109.2** | **3,630.0** | **3,995.0** | **3,760.0** | **3,760.0** |
| | | | | | Production (thousand tonnes) | | | | | |
| Alberta | 506.2 | 221.6 | 491.3 | 642.3 | 617.5 | 552.6 | 527.5 | 731.4 | 666.7 | 910.0 |
| Saskatchewan | 1,388.0 | 881.8 | 1,292.7 | 2,291.5 | 2,313.4 | 1,861.5 | 2,309.6 | 2,732.4 | 2,612.7 | 2,460.0 |
| Manitoba | 146.1 | 176.9 | 137.4 | 160.0 | 56.9 | 103.5 | 97.7 | 107.5 | 100.0 | 80.0 |
| **Western Canada** | **2,040.3** | **1,280.3** | **1,921.4** | **3,093.8** | **2,987.8** | **2,517.6** | **2,934.8** | **3,571.3** | **3,379.4** | **3,450.0** |
| | | | | | Canadian Exports | | | | | |
| | **01/02** | **02/03** | **03/04** | **04/05** | **05/06** | **06/07** | **07/08** | **08/09** | **09/10** | |
| '000 tonnes | 1,380.9 | 627.9 | 1,315.7 | 1,853.0 | 2,567.4 | 1,969.2 | 2,201.6 | 2,828.3 | 2,196.3 | |
| **Canaryseed** | | | | | | | | | | |
| | | | | | Seeded Area (thousand acres) | | | | | |
| Alberta | 5.0 | 10.0 | 10.0 | 10.0 | | | | | | |
| Saskatchewan | 360.0 | 580.0 | 570.0 | 820.0 | 435.0 | 326.2 | 425.0 | 390.0 | 300.0 | 300.0 |
| Manitoba | 55.0 | 100.0 | 60.0 | 30.0 | 20.0 | 9.0 | 15.0 | 25.0 | 15.0 | 15.0 |
| **Western Canada** | **420.0** | **690.0** | **640.0** | **860.0** | **455.0** | **335.2** | **440.0** | **415.0** | **315.0** | **315.0** |
| | | | | | Production (thousand tonnes) | | | | | |
| Alberta | 1.4 | 2.4 | 4.1 | 4.7 | | | | | | |
| Saskatchewan | 101.2 | 142.4 | 198.7 | 284.4 | 219.3 | 129.1 | 155.7 | 184.6 | 151.9 | 101.9 |
| Manitoba | 11.3 | 32.7 | 31.8 | 11.4 | 7.9 | 4.0 | 6.3 | 11.0 | 7.4 | 8.7 |
| **Western Canada** | **113.9** | **177.5** | **234.6** | **300.5** | **227.2** | **133.1** | **162.0** | **195.6** | **159.3** | **110.6** |
| | | | | | Canadian Exports | | | | | |
| | **01/02** | **02/03** | **03/04** | **04/05** | **05/06** | **06/07** | **07/08** | **08/09** | **09/10** | |
| '000 tonnes | 133.7 | 163.3 | 164.7 | 163.1 | 185.2 | 177.9 | 204.3 | 152.6 | 181.3 | |

Source: Statistics Canada

## For more information, contact:

### Saskatchewan Agriculture Regional Offices

**Kindersley**
(306) 463-5513

**Outlook**
(306) 867-5575

**Swift Current**
(306) 778-8218

**Watrous**
(306) 946-3220

**Moose Jaw**
1-866-457-2377

**Prince Albert**
(306) 953-2363

**Tisdale**
(306) 878-8842

**Weyburn**
(306) 848-2857

**North Battleford**
(306) 446-7964

**Yorkton**
(306) 786-1531

**Agriculture Knowledge Centre (Toll-Free): 1-866-457-2377**

Saskatchewan
Ministry of
Agriculture

**www.agriculture.gov.sk.ca**

Printed January 2011 1.5M 0165POL
ISSN 0828-3737 0112